

Fig. 1

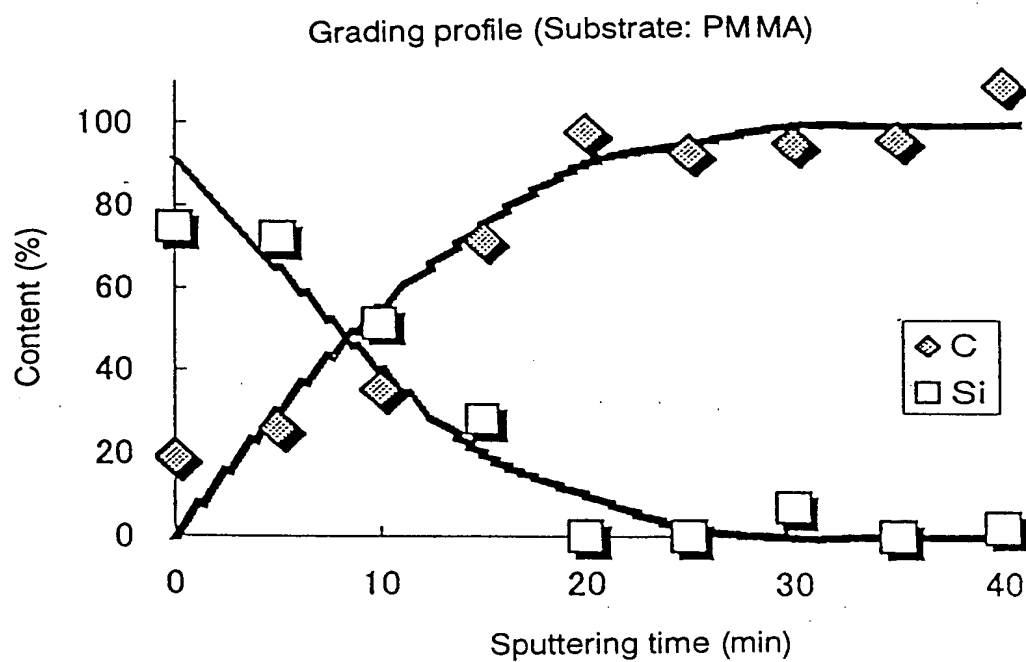


Fig. 2

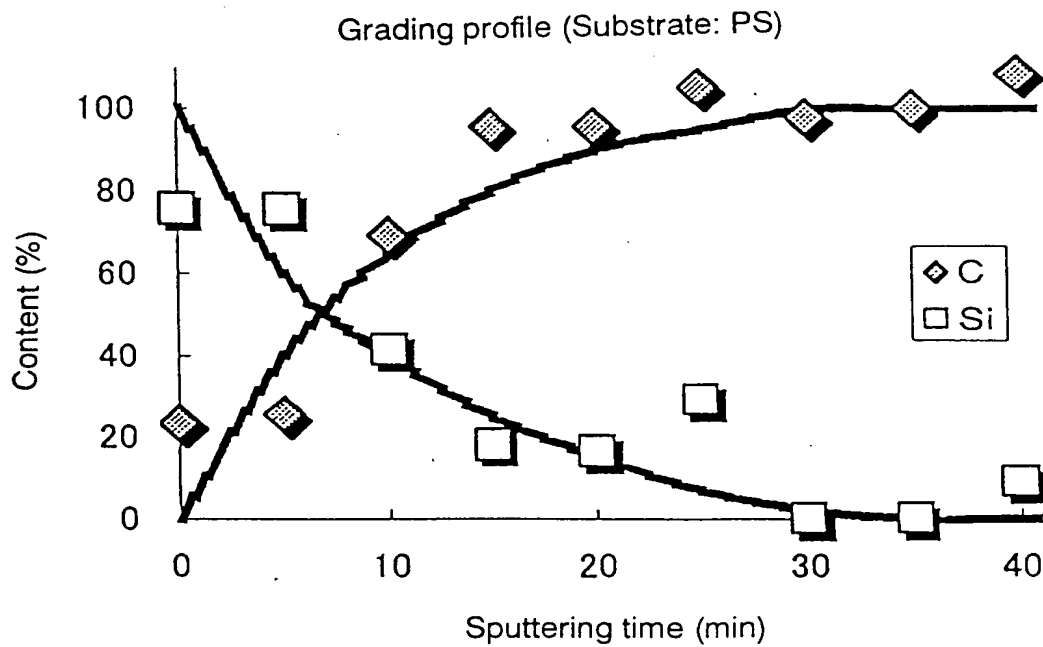


Fig. 3

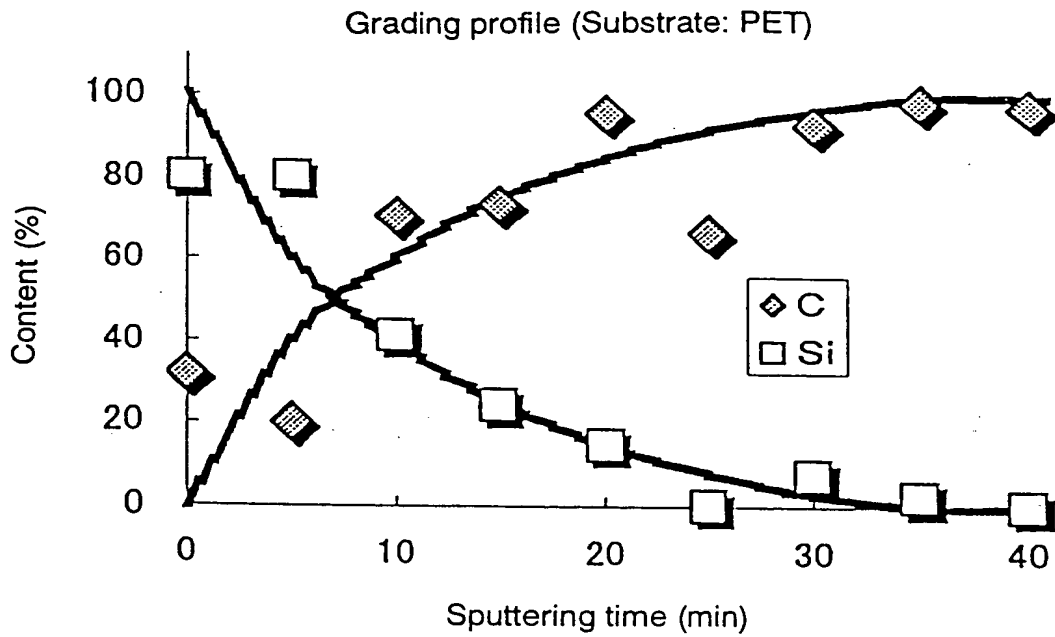


Fig. 4

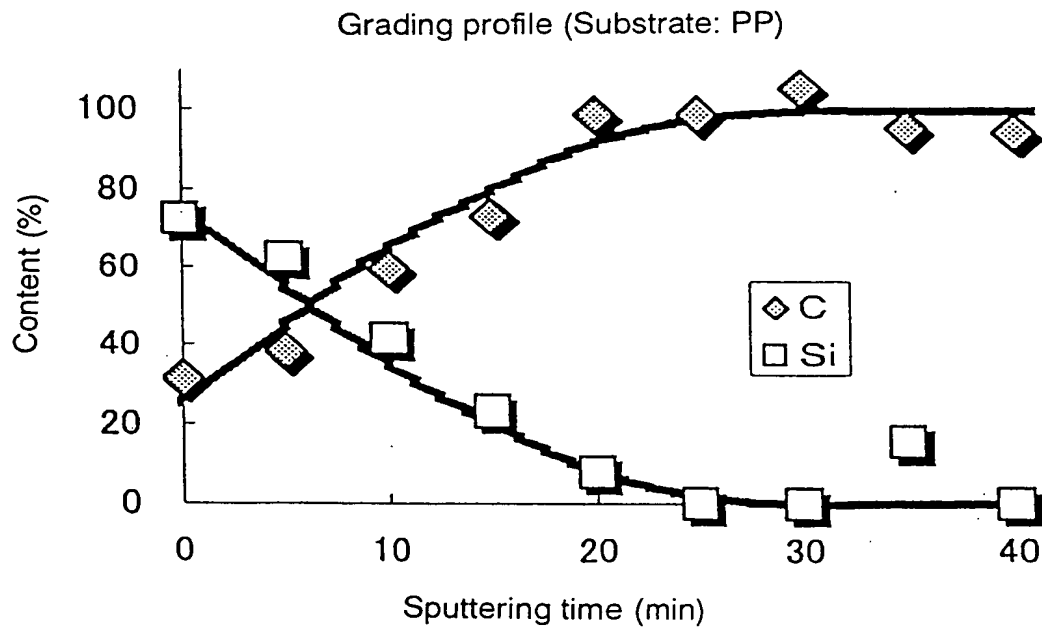


Fig. 5

Grading profile (Dip coating method)

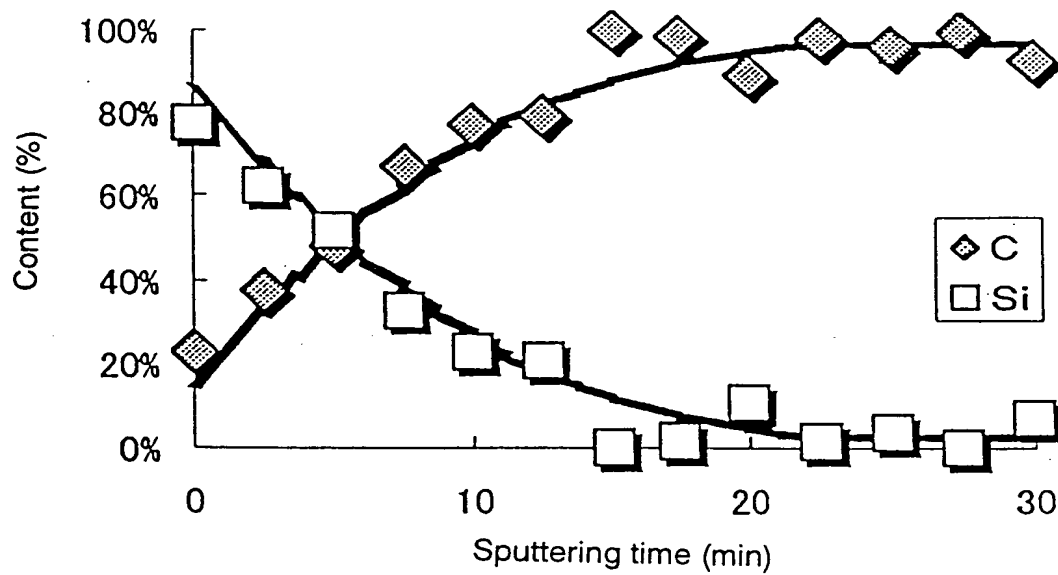


Fig. 6

Grading profile (Substrate: Ti-C system)

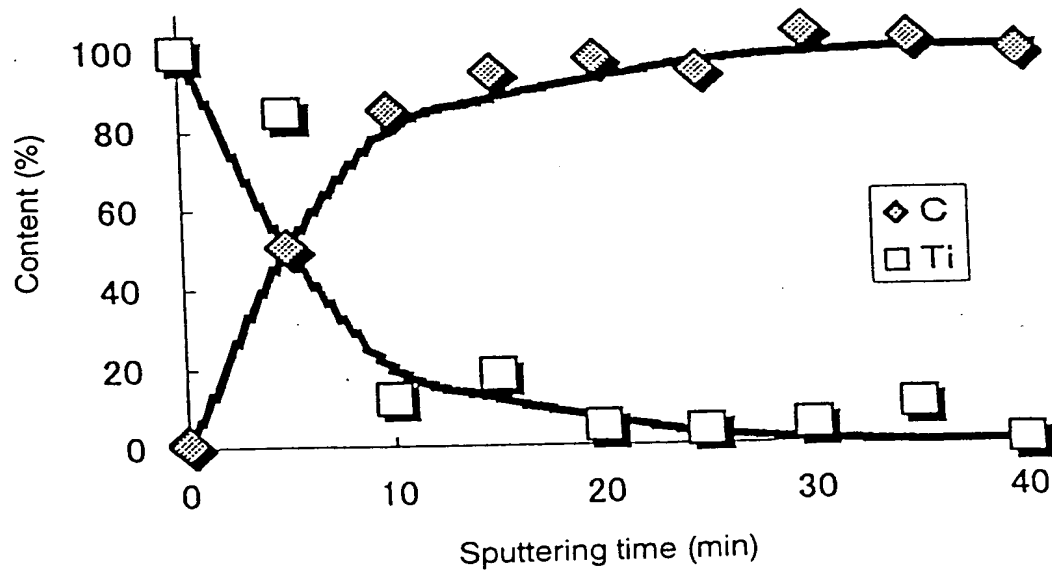


Fig. 7

Grading profile (Case having no crosslinked point)

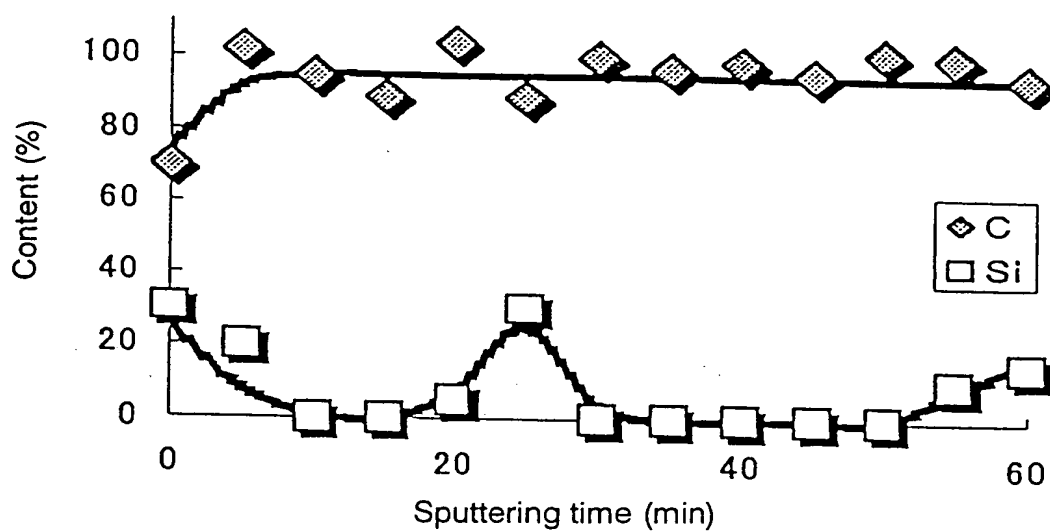


Fig. 8

Grading profile (Substrate: glass)

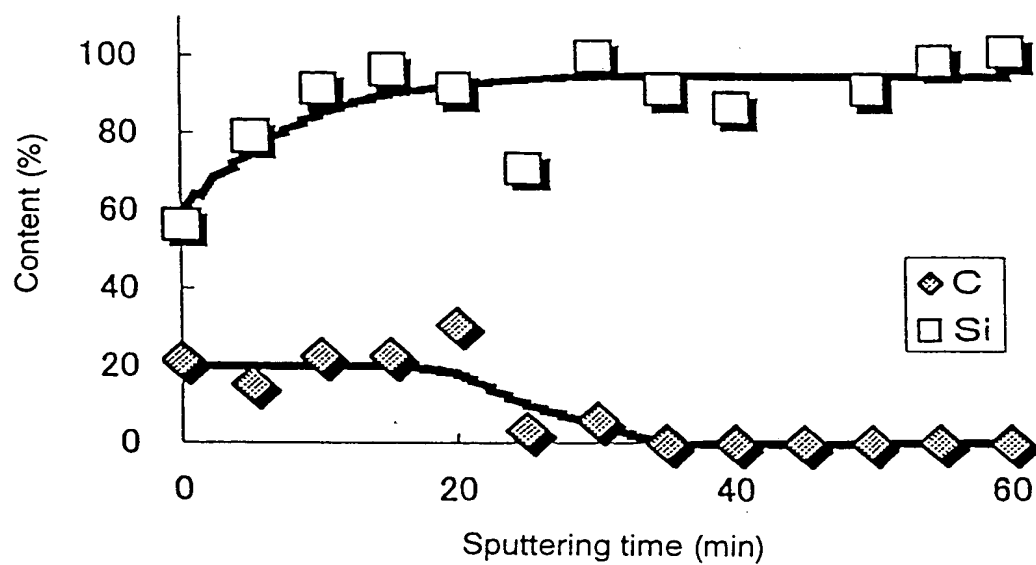


Fig. 9

Decrease in transmittance under irradiation with UV
(Case of organic adhesive)

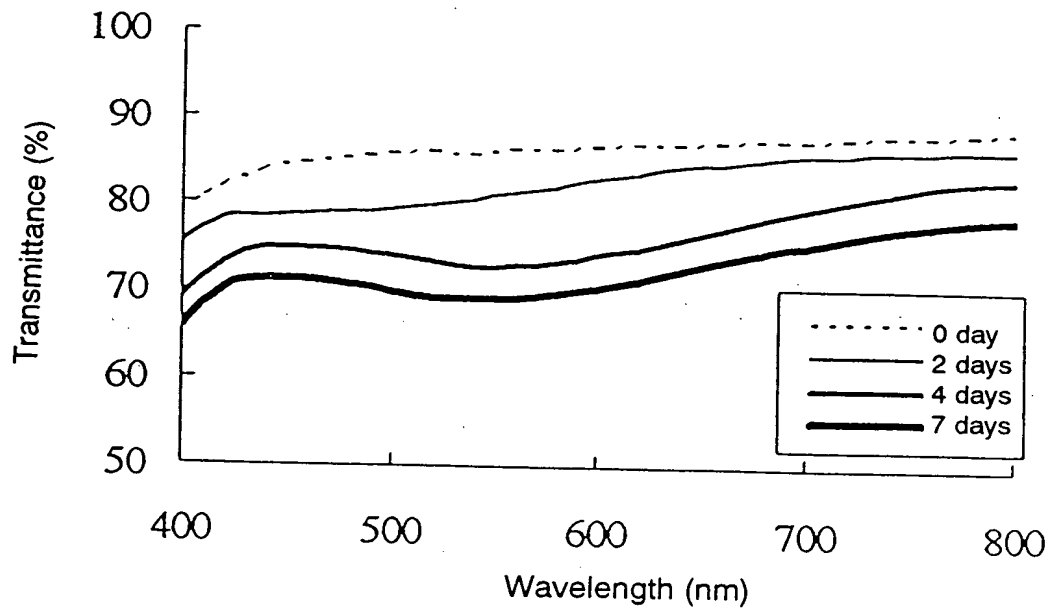


Fig. 10

Decrease in transmittance under irradiation with UV
(Case of inorganic adhesive)

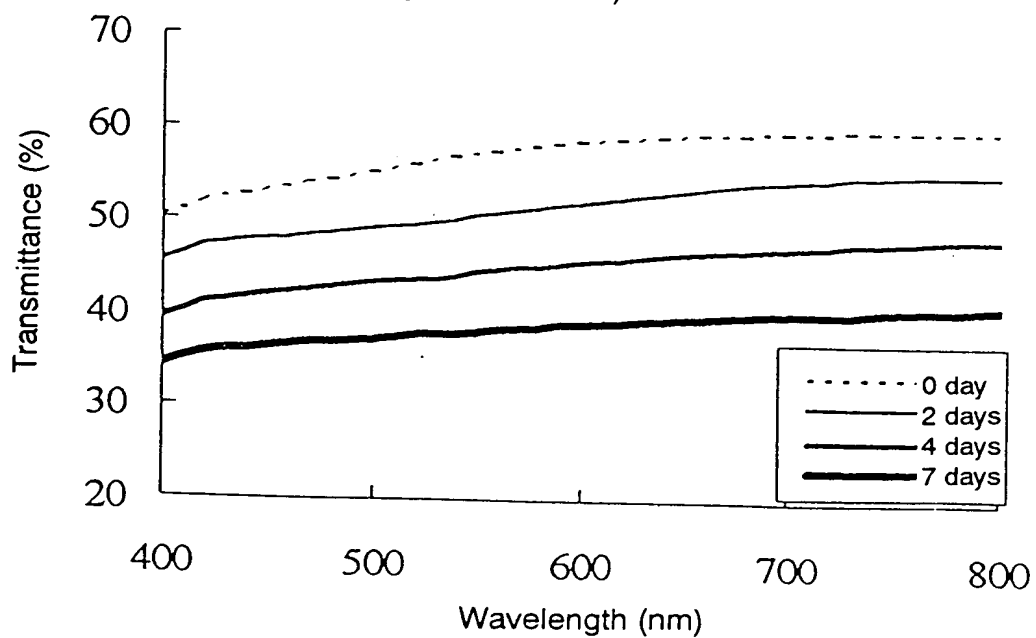


Fig. 11

Decrease in transmittance under irradiation with UV
(Case of organic-inorganic mixture system)

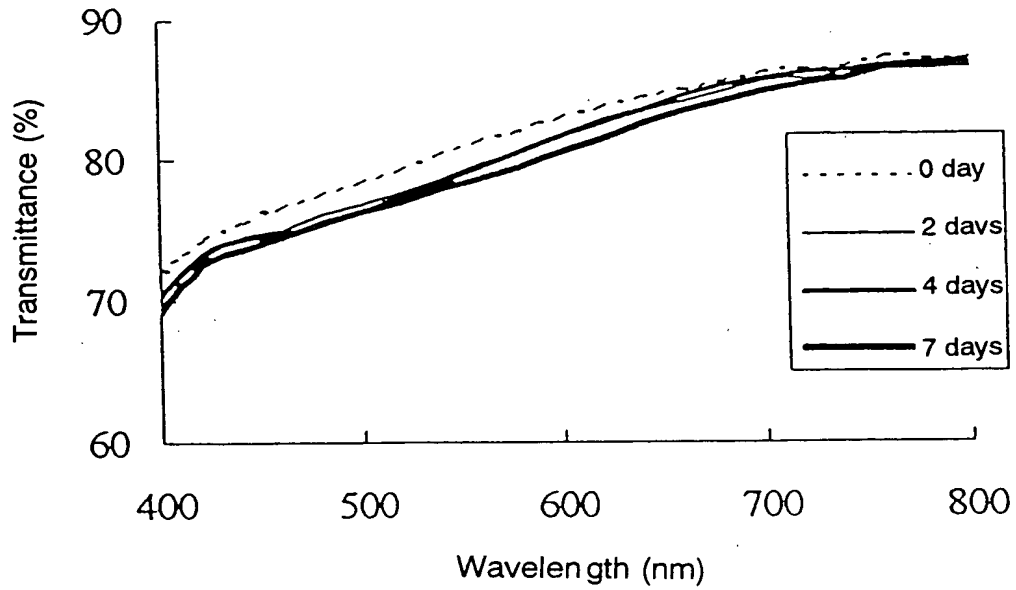


Fig. 12

Decrease in transmittance under irradiation with UV
(Case of graded intermediate layer)

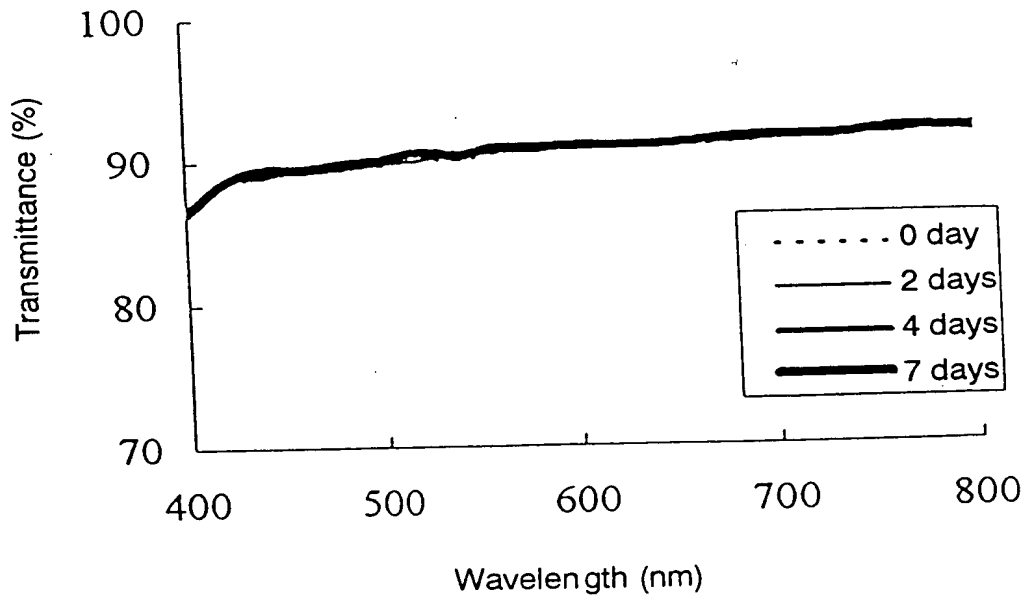


Fig. 13

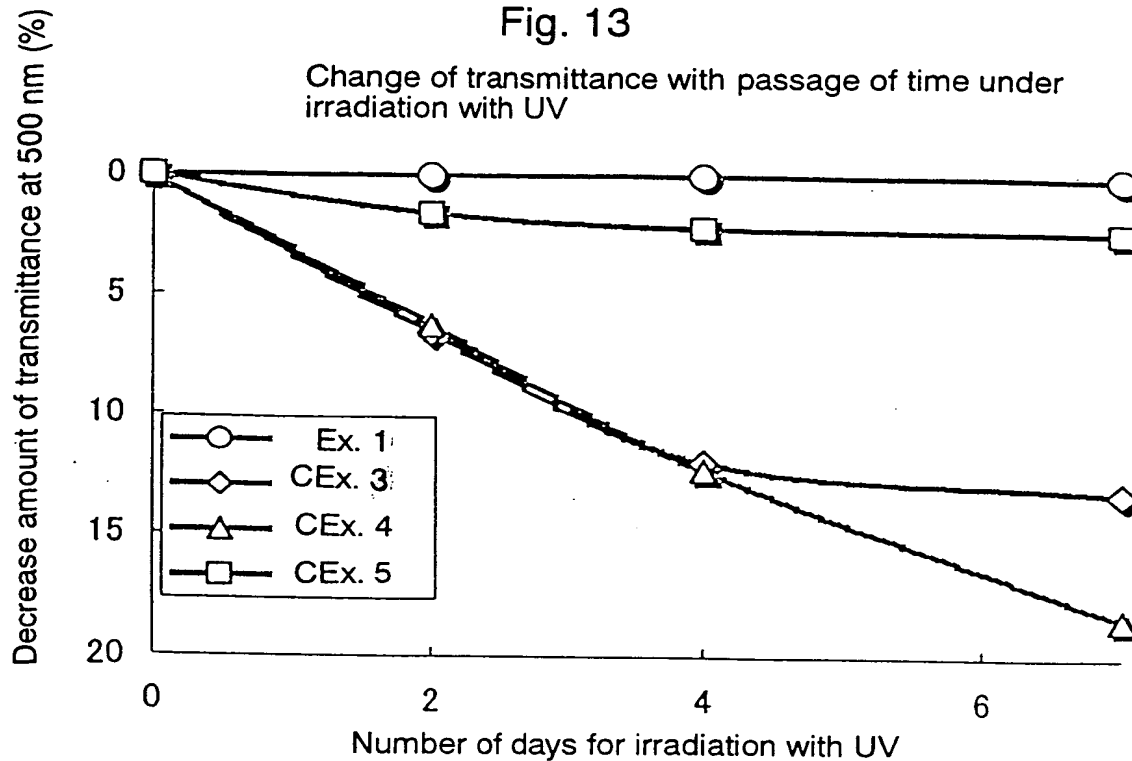


Fig. 14

Decrease in transmittance in sunshine weatherometer test
(Case of graded intermediate layer on PMMA substrate)

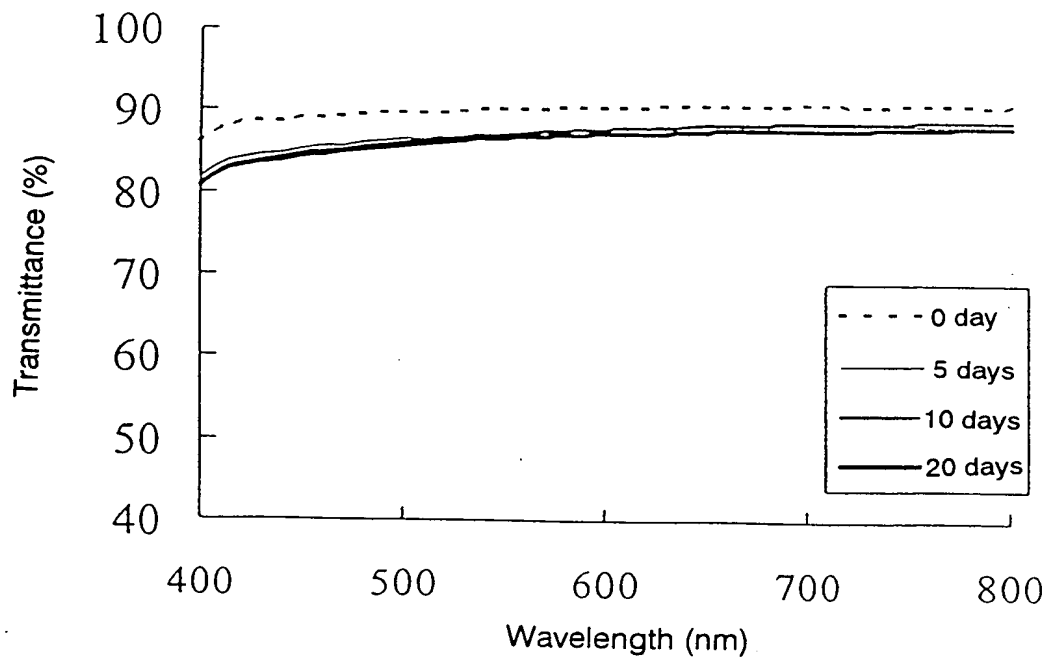


Fig. 15

Grading profile

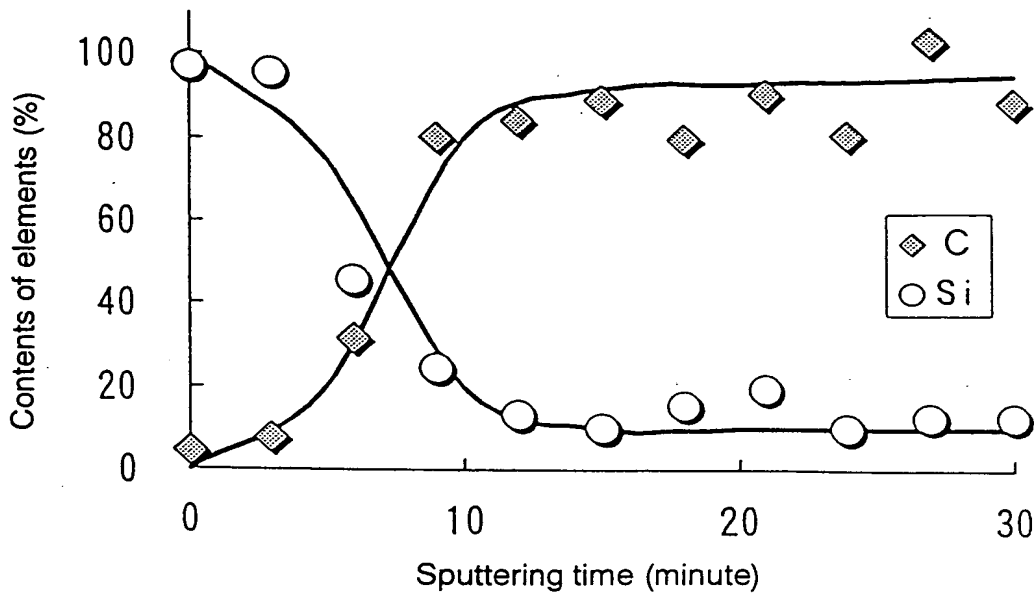


Fig. 16

Decrease in transmittance in sunshine weatherometer test
(Case of graded intermediate layer on PET film)

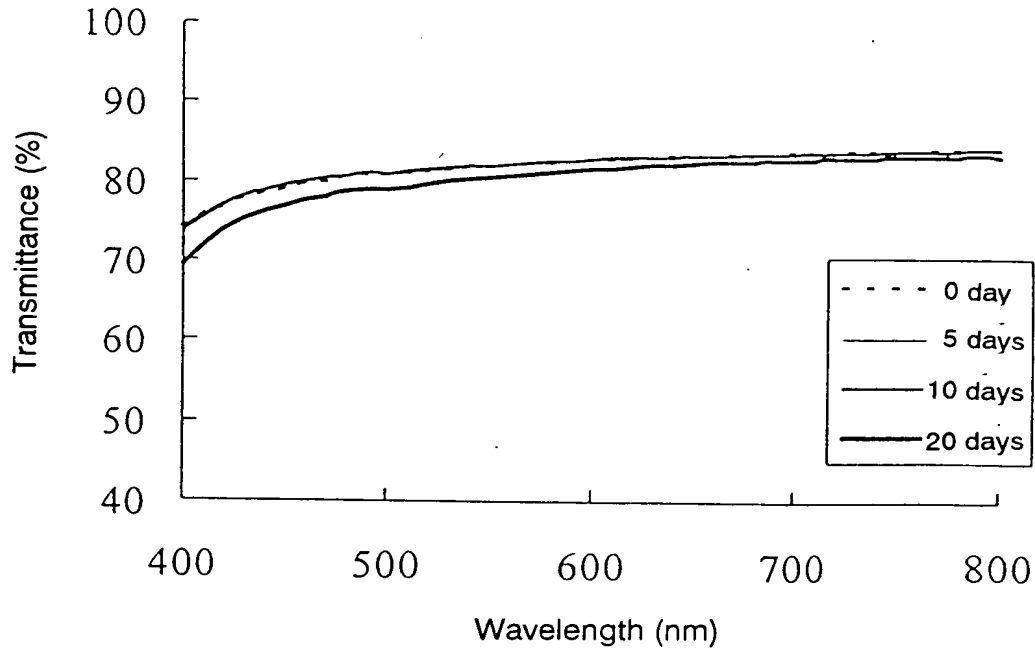


Fig. 17

Decrease in transmittance in sunshine weatherometer test
(Case of graded intermediate layer treated with corona discharge)

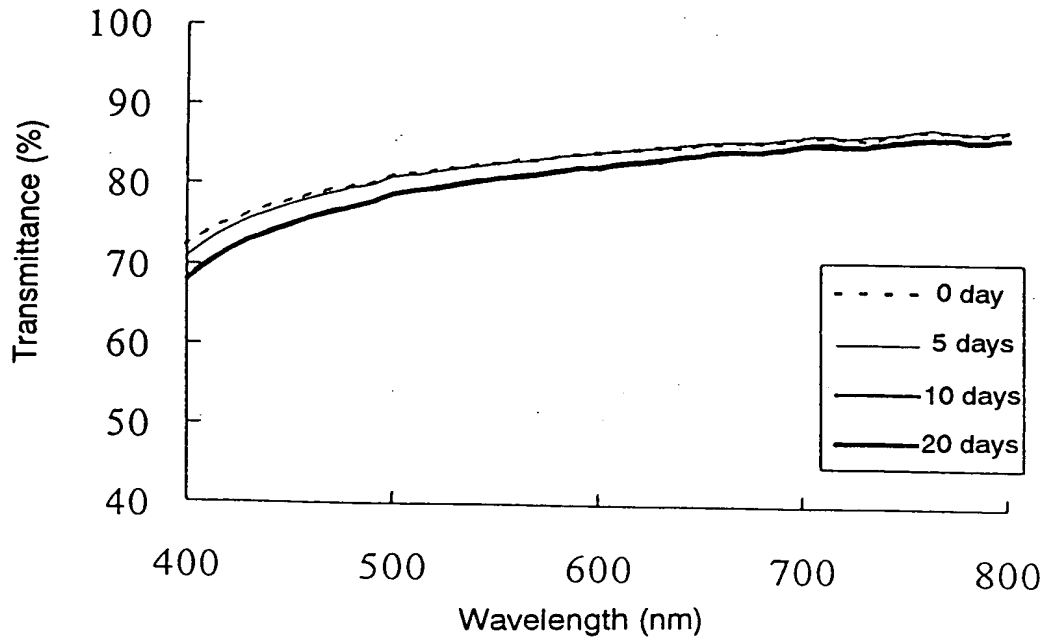


Fig. 18

Grading profile

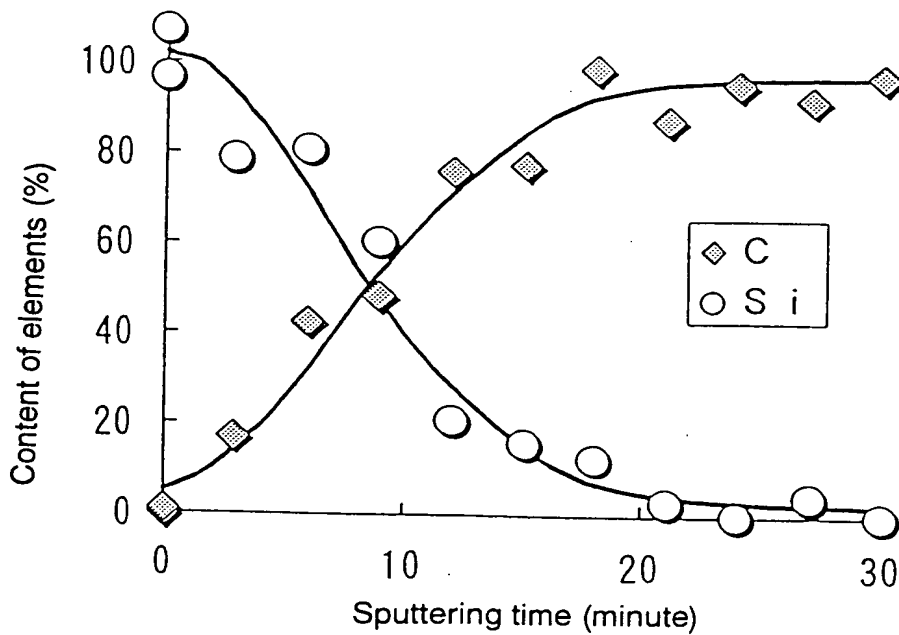


Fig. 19

Grading profile

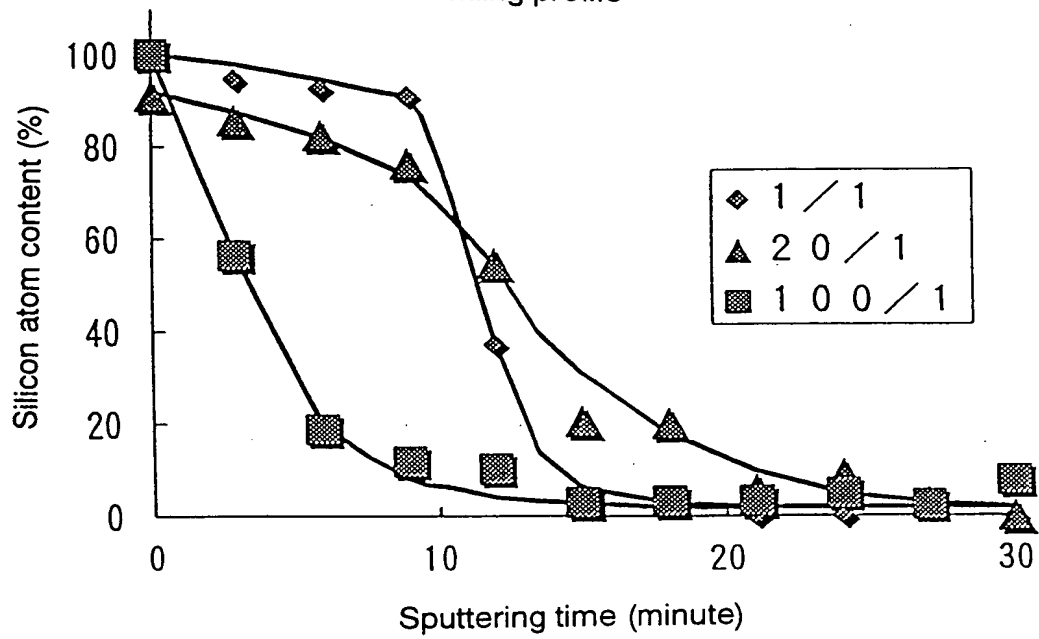


Fig. 20

Grading profile (change in inorganic component concentration)

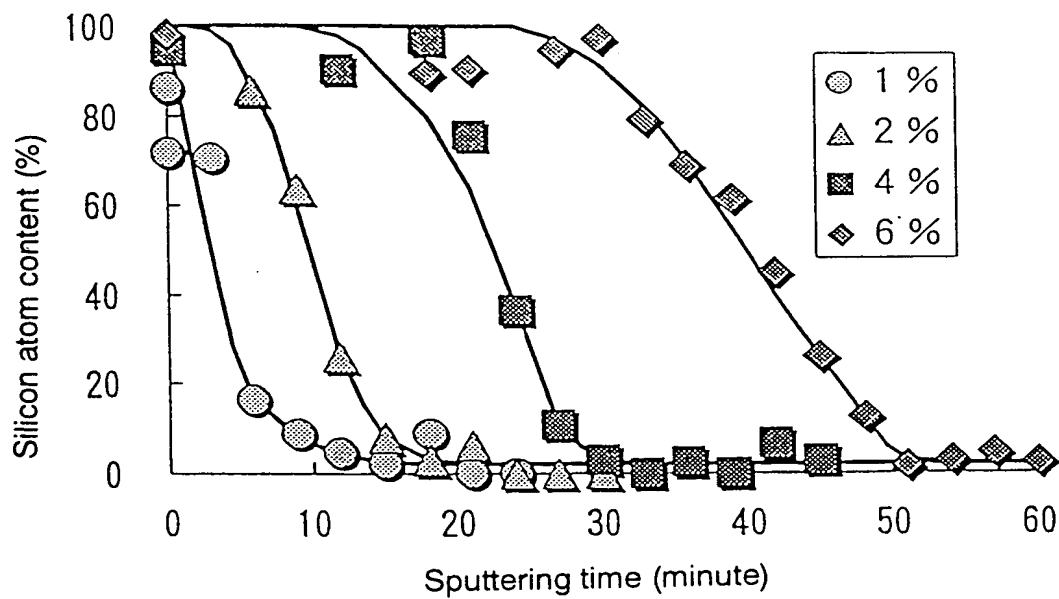


Fig. 21

Decrease in transmittance in sunshine weatherometer test
(Case having no chemical bond between PMMA and silica)

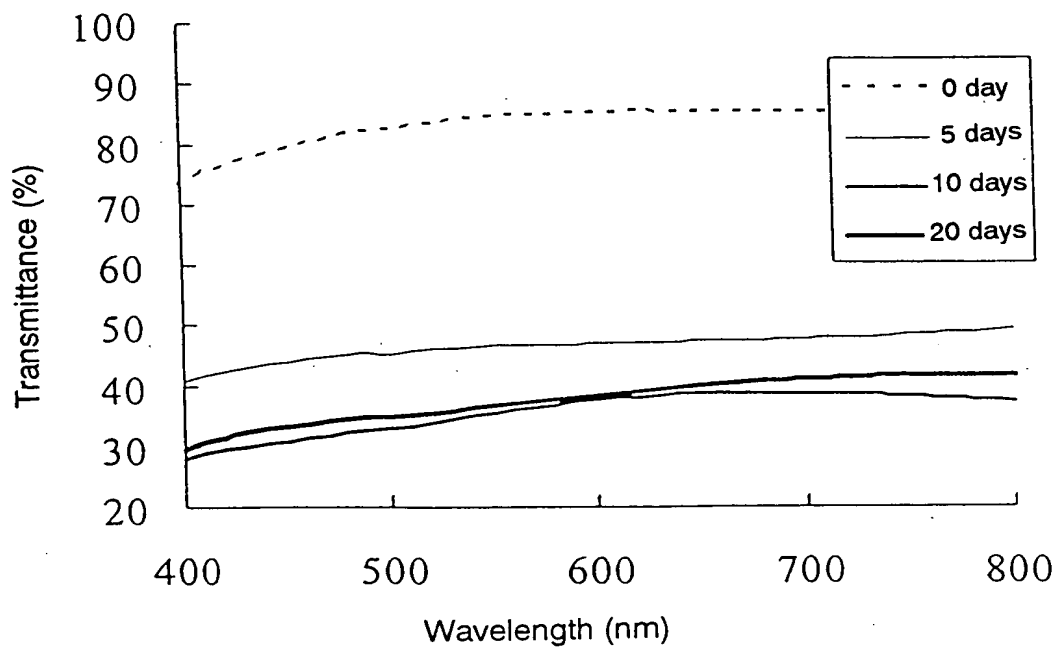


Fig. 22

Decrease in transmittance in sunshine weatherometer test
(Case of commercially available undercoating layer on PMMA substrate)

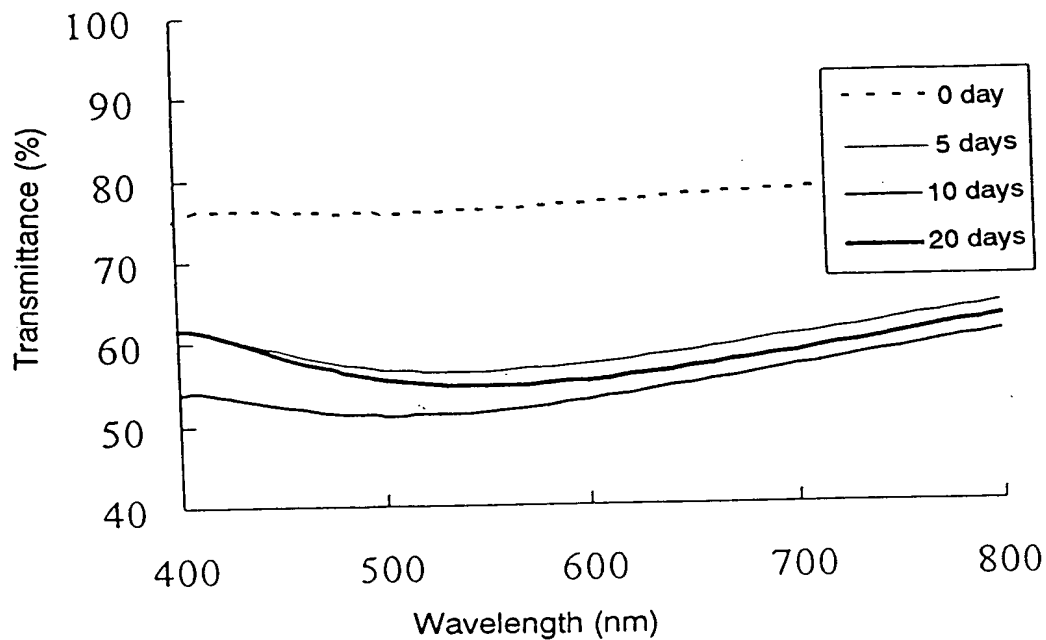


Fig. 23

Decrease in transmittance in sunshine weatherometer test
(Case of commercially available undercoating layer on PET film)

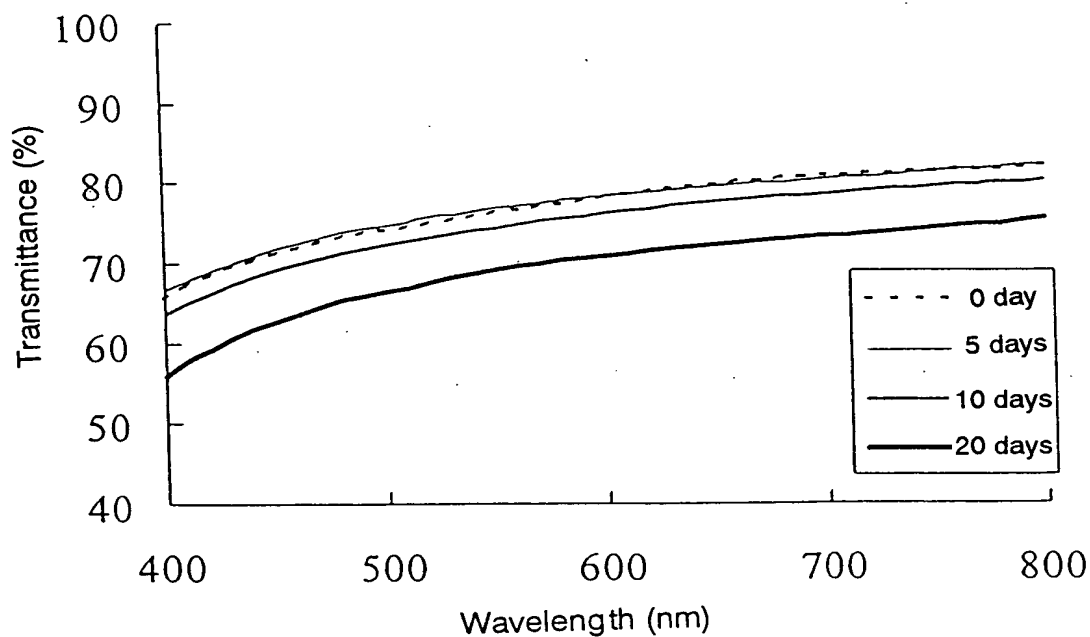


Fig. 24

Grading profile

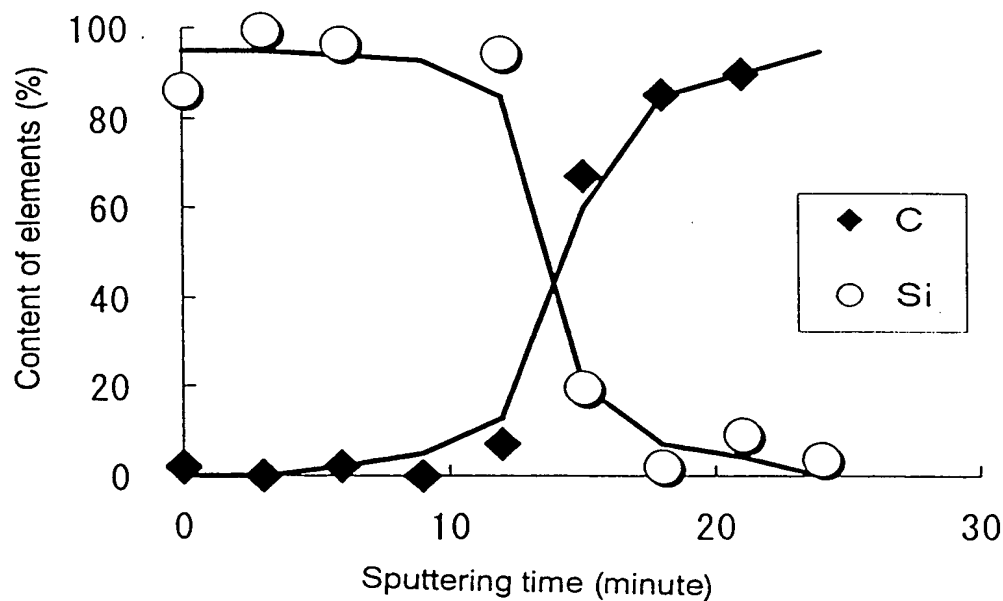


Fig. 25
Grading profile

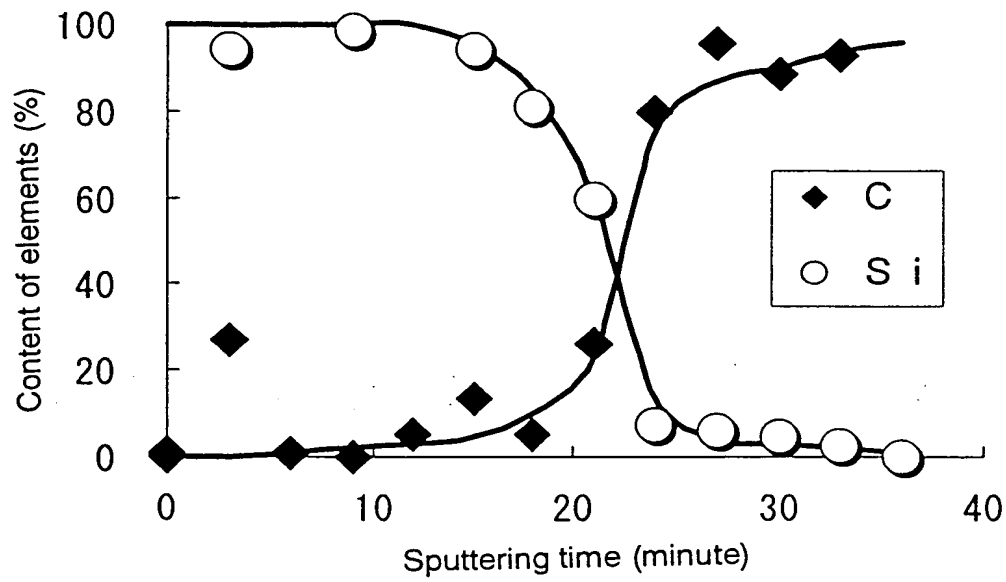


Fig. 26
Grading profile

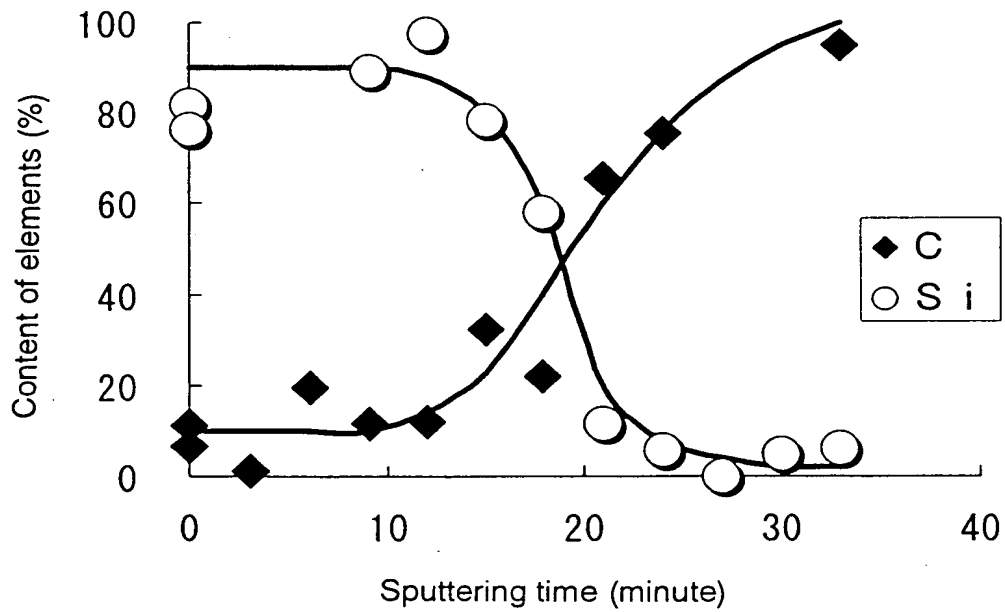


Fig. 27
Grading profile

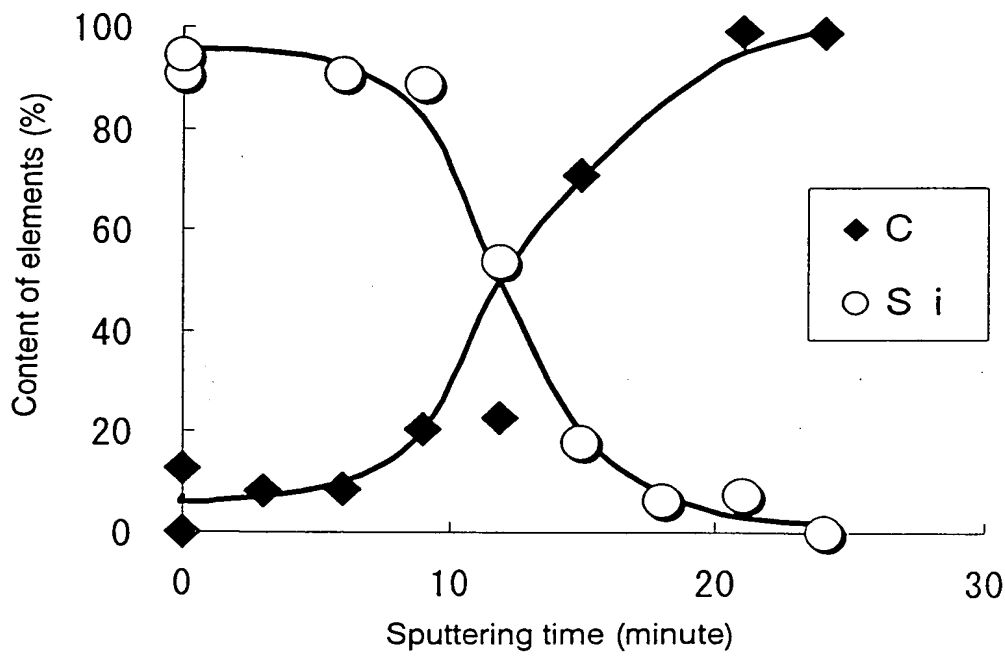


Fig. 28
Grading profile

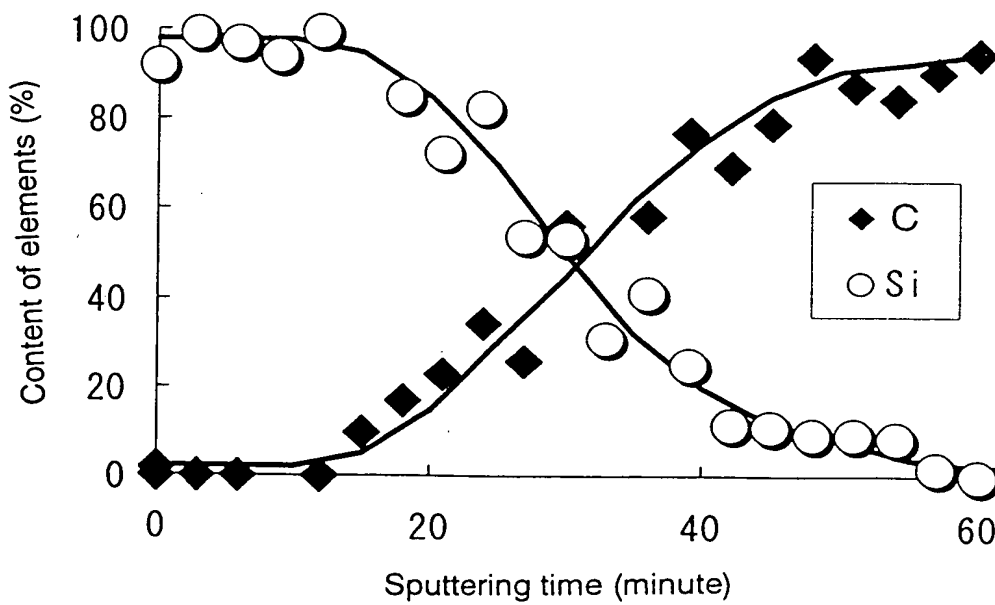


Fig. 29
Grading profile

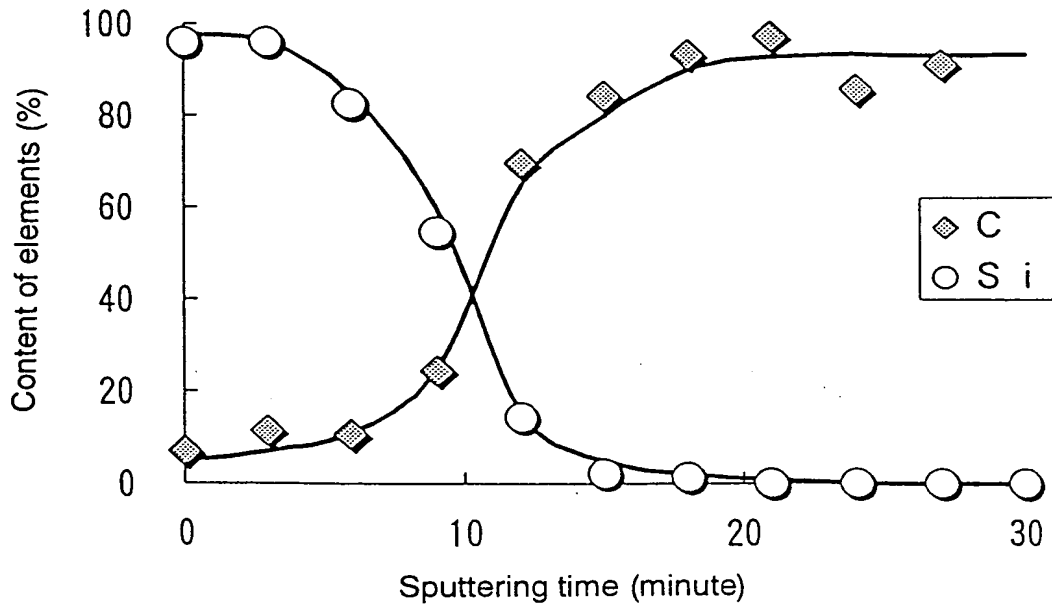


Fig. 30
Grading profile

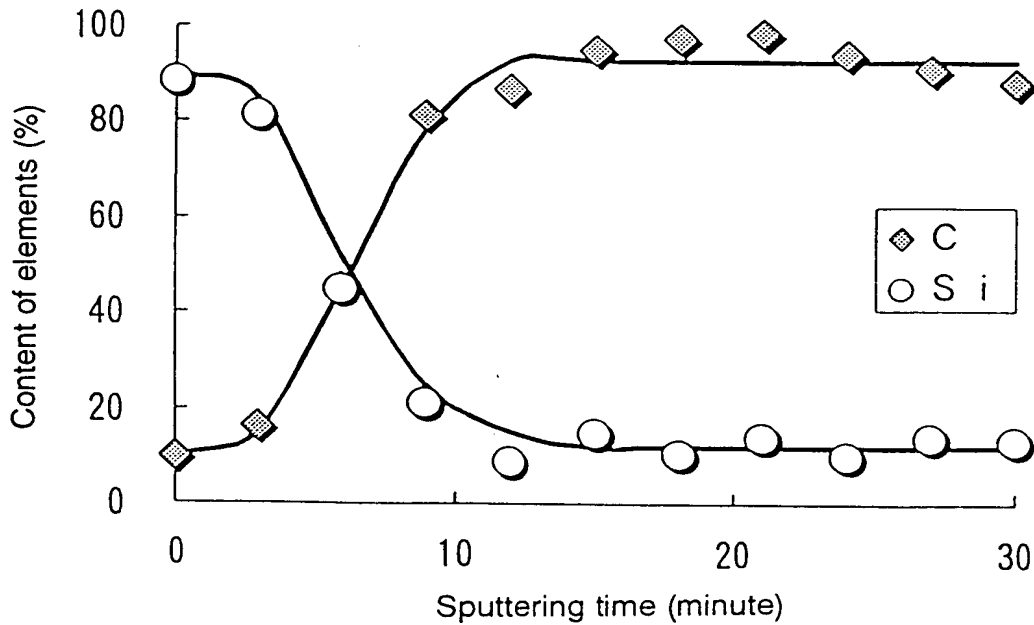


Fig. 31

Grading profile

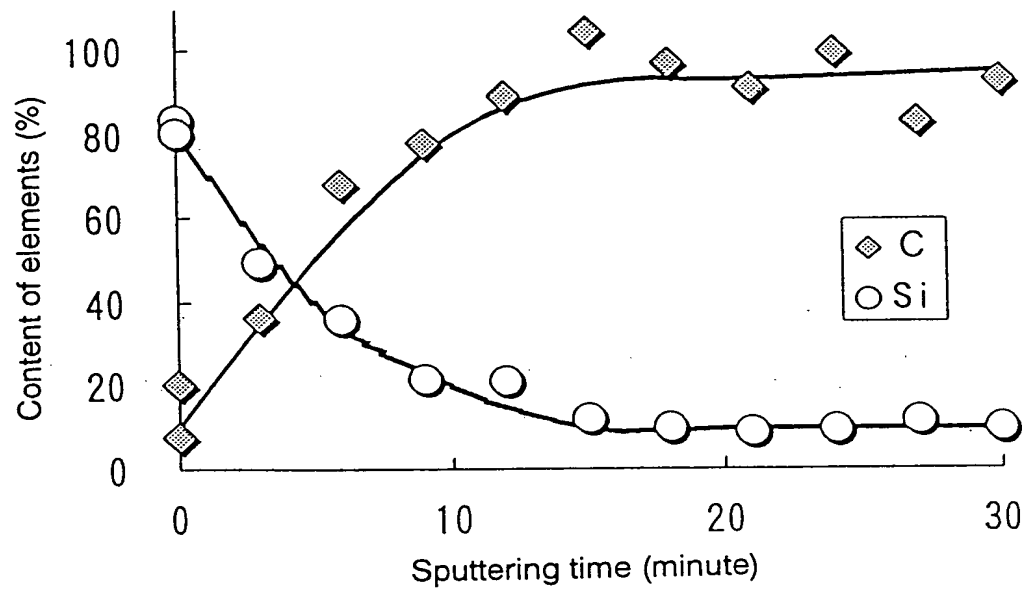


Fig. 32

Grading profile

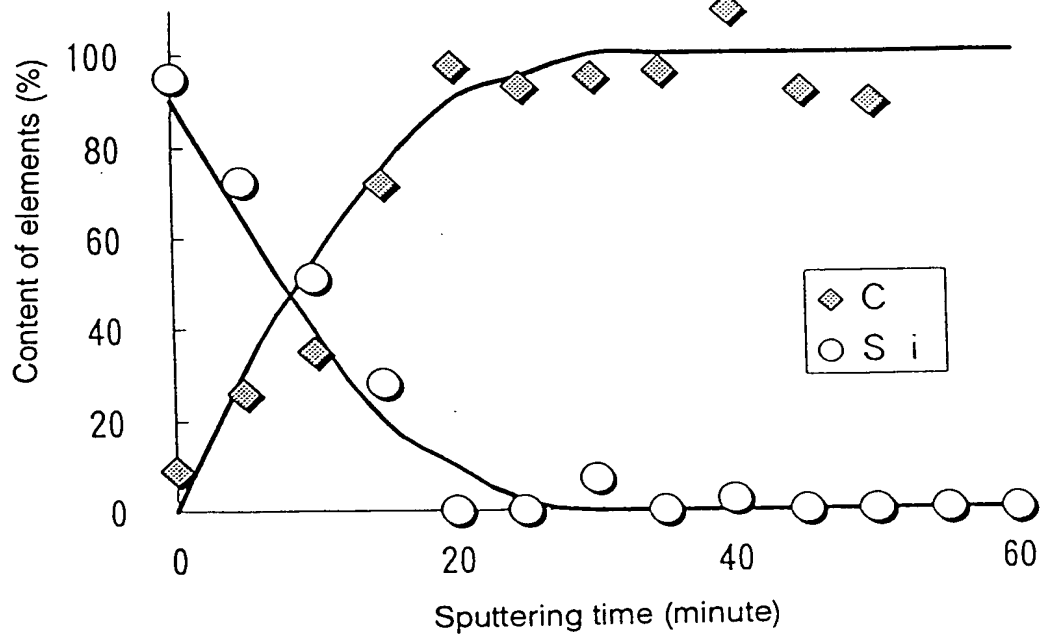


Fig. 33

Grading profile

